AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (Currently Amended) A method for adjusting a brightness of a display screen of a display of a system, the method comprising:

determining whether a processor is being powered by an internal power source;

switching the system into a power conservation mode if the processor is being powered by an internal power source

determining whether there ~~are~~ is a user signal ~~inputs~~ input into the system;

switching the system into an IDLE mode if there ~~are~~ is no user signal ~~inputs~~ input;

determining ~~processor usage indicative of~~ whether at least one of certain display related processes ~~are~~ is running when in the IDLE mode; ~~and~~

maintaining the brightness of the display screen and periodically checking whether at least one of the certain display related processes is running, if at least one of the certain display related processes is running;

checking processor usage if at least one of the certain display related processes is not running; and

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adjusting the brightness of the display screen when in the IDLE mode based on processor usage without turning the display screen off.

2.   (Currently Amended) The method according to claim 1, wherein ~~determining~~ checking processor usage comprises determining a content of a registry of an operating system of the system.

3.   (Original) The method according to claim 2, wherein the registry comprises HKEY_DYN_DATA\PerfStats\StatData.

4.   (Currently Amended) The method of claim 1, wherein ~~determining~~ checking processor usage comprises retrieving a keyword from an operating system that appears when a video file is read by the system.

5.   (Currently Amended) The method according to claim 1, wherein ~~determining~~ checking processor usage comprises measuring a processor usage amount, and reducing the brightness of the display screen if the processor usage amount is below a threshold value.

6.   (Currently Amended) The method according to claim 1, wherein ~~determining~~

checking processor usage comprises determining whether the display screen is displaying a

movie.

7.   (Previously Presented) The method according to claim 6, wherein determining

whether the display screen is displaying a movie comprises determining whether a memory

device connected to the processor is operating.

8.   (Original) The method according to claim 7, wherein the memory device

comprises a hard disk.

9.   (Original) The method according to claim 7, wherein the memory device

comprises a CD-ROM.

10.   (Original) The method according to claim 7, wherein the memory device

comprises a DVD.

11.   (Previously Presented) The method according to claim 6, wherein the brightness

of the display screen is reduced if the display screen is not displaying a movie.

12.   (Previously Presented) The method according to claim 6, wherein the brightness of the display screen is maintained if the display screen is displaying a movie.

13.   (Currently Amended) A method for reducing electrical power consumed by a processor controlled display screen, the method comprising:

checking display screen usage by determining whether a certain device related to screen operation is in use;

maintaining a brightness of the display screen if the certain device is in use, and checking the display usage by determining whether the certain device is in use after a predetermined delay;

~~determining processor activity indicative of whether certain display related processes are running;~~ and

~~dimming a brightness of the display screen when the processor activity falls below a minimum threshold without turning the display screen off~~

reducing the brightness of the display screen or turning the display screen off if the certain device is not in use.

14.   (Currently Amended) A computer-readable medium having stored thereon a sequence of computer executable instructions which, when executed by a processor, cause the processor to perform the steps of:

monitoring a system to determine whether at least one of certain display related

processes ~~are~~ is running;

maintaining ~~the~~ a brightness of a display screen of a display and periodically

checking whether at least one of the certain display related processes is running if at least one of

the certain display related processes ~~are~~ is running; and

reducing the brightness of the display screen if at least one of the certain display

related processes ~~are~~ is not running without turning the display screen off.

15.   (Original) The computer readable medium of claim 14, wherein the system is a

computer.

16.   (Original) The computer readable medium of claim 14, wherein the display is a

liquid crystal display screen.

17.   (Previously Presented) The computer readable medium of claim 14, further having

stored thereon a sequence of instructions which, when executed by a processor, cause the

processor to perform the step of monitoring for user input signals.

18.   (Previously Presented) The computer readable medium of claim 14, further having

stored thereon a sequence of instructions which, when executed by a processor, cause the

processor to perform the step of determining whether the system is powered by an internal

power source.

19.   (Currently Amended) The computer-readable medium of claim 14, wherein the

monitoring step comprises determining a processor usage amount, and comparing said processor

~~unit~~ usage amount against a reference amount.

20.   (Original) The computer-readable medium of claim 19, wherein the reference

amount is controllably variable.

21.   (Previously Presented) The computer-readable medium of claim 19, wherein

determining a processor usage amount comprises determining information contained in a

registry.

22.   (Original) The computer-readable medium of claim 21, wherein the registry

comprises HKEY_DYN_DATA\PerfStats\StatData.

23.   (Currently Amended) The computer-readable medium of claim 14, wherein the

monitoring step-comprises determining whether a video process related keyword is contained in

the a currently operating process.

24.   (Currently Amended) The computer-readable medium of claim 14, wherein the

monitoring comprises determining whether a video process related device is in use.

25.   (Original) The computer-readable medium of claim 24, wherein the video process

related device comprises a readable-and-writeable memory device.

26.   (Original) The computer-readable medium of claim 24, wherein the video process

related device comprises a read-only memory device.

27.   (Original) The computer-readable medium of claim 25, wherein the read-only

memory device comprises a CD-ROM.

28.   (Original) The computer-readable medium of claim 25, wherein the read-only

memory device comprises a DVD.

29.   (Original) The computer-readable medium of claim 24, wherein the video process

related device comprises a modem.

30.   (Currently Amended) The computer-readable medium of claim 14, wherein the

monitoring step comprises:

        determining a processor usage amount and comparing said processor usage

amount against a reference amount;

        determining whether a video process related keyword is contained in the currently

operating process; and

        determining whether a video process related device is in use.

31.   (Currently Amended) An apparatus for reducing electrical power consumed by a

processor controlled display screen, the apparatus comprising:

        a processor comprising:

                means for checking display screen usage by determining whether a certain

device related to screen operation is in use;

                means for maintaining a brightness of the display screen if the certain

device is in use, and checking the display usage by determining whether the certain device is in

use after a predetermined delay;

~~means for determining processor activity indicative of whether certain display related processes are running;~~ and

~~means for dimming a brightness of the display screen when the processor activity falls below a minimum threshold without turning the display screen off~~ <u>means for reducing the brightness of the display screen or turning the display screen off if the certain device is not in use</u>.

32.   (Currently Amended) An apparatus, comprising:

a processor comprising:

means for monitoring a system to determine whether <u>at least one of</u> certain display related processes ~~are~~ <u>is</u> running;

means for maintaining ~~the~~ <u>a</u> brightness of a display screen of a display <u>and periodically checking whether at least one of the certain display related processes is running if at least one of the</u> certain display related processes ~~are~~ <u>is</u> running; and

means for reducing the brightness of the display screen if <u>at least one of</u> certain display related processes ~~are~~ <u>is</u> not running without turning the display screen off.

33.   (Currently Amended) A method for adjusting a brightness of a display screen of a display of a system, the method comprising:

monitoring the system to determine whether <u>at least one of certain</u> display related

processes ~~are~~ <u>is</u> running;

maintaining the brightness of the display screen ~~if display~~ <u>and periodically</u>

<u>checking whether at least one of the certain display related processes is running</u> if <u>at least one of</u>

<u>the certain</u> display related processes ~~are~~ <u>is</u> running; and

reducing the brightness of the display screen if <u>at least one of the certain</u> display

related processes ~~are~~ <u>is</u> not running without turning the display screen off.

36.   (Original) The method according to claim 33, wherein the system is a computer.

35.   (Original) The method according to claim 33, wherein the display is a liquid crystal

display screen.

36.   (Original) The method according to claim 33, further comprising:

monitoring for user input signals.

37.   (Original) The method according to claim 33, further comprising:

determining whether the system is powered by an internal power source.

38.   (Currently Amended) The method according to claim 33, wherein <u>the</u> monitoring ~~the system for display-related processes~~ comprises determining a processor usage amount, and comparing said processor usage amount against a reference amount.

39.   (Original) The method according to claim 38, wherein the reference amount is controllably variable.

40.   (Previously Presented) The method according to claim 38, wherein determining a processor usage amount comprises determining information contained in a registry.

41.   (Original) The method according to claim 40, wherein the registry comprises HKEY_DYN_DATA\PerfStats\StatData.

42.   (Currently Amended) The method according to claim 33, wherein <u>the</u> monitoring ~~the system for display-related processes~~ comprises determining whether a video process related keyword is contained in the currently operating process.

43.   (Currently Amended) The method according to claim 33, wherein <u>the</u> monitoring ~~the system for display-related processes~~ comprises determining whether a video process related device is in use.

44.   (Original) The method according to claim 43, wherein the video process related device comprises a readable-and-writeable memory device.

45.   (Original) The method according to claim 43, wherein the video process related device comprises a read-only memory device.

46.   (Original) The method according to claim 45, wherein the read only memory device comprises a CD-ROM.

47.   (Original) The method according to claim 45, wherein the read-only memory device comprises a DVD.

48.   (Original) The method according to claim 43, wherein the video process related device comprises a modem.

49.   (Currently Amended) The method of claim 33, wherein the monitoring ~~the system for display related processes~~ comprises:

        determining a processor usage amount and comparing said processor usage amount against a reference amount;

determining whether a video process related keyword is contained in the currently

operating process; and

determining whether a video process related device is in use.

50.   (Previously Presented) The method according to claim 1, wherein the display is a

liquid crystal display screen.

51.   (Currently Amended) The method of claim 1, wherein the <u>certain</u> display related

processes include at least one of:

playing a CD-ROM;

playing a DVD;

playing a MPEG file;

playing a video file; or

downloading a video file from the Internet; or

downloading an Internet broadcast.

52.   (Currently Amended) The method of claim 1, wherein the <u>certain</u> display related

processes do not include user inputs via a mouse or a keyboard.

53–54. (Canceled).

55.　(Currently Amended) The computer-readable medium of claim 14, wherein the <u>certain</u> display related processes include at least one of:

　　　playing a CD-ROM;

　　　playing a DVD;

　　　playing a MPEG file;

　　　playing a video file; or

　　　downloading a video file from the Internet; or

　　　downloading an Internet broadcast.

56.　(Currently Amended) The computer-readable medium of claim 14, wherein the <u>certain</u> display related processes do not include user inputs via a mouse or a keyboard.

57–58. (Canceled).

59.　(Currently Amended) The apparatus of claim 32, wherein the <u>certain</u> display related processes include at least one of:

　　　playing a CD-ROM;

playing a DVD;

playing a MPEG file;

playing a video file; or

downloading a video file from the Internet; or

downloading an Internet broadcast.

60.   (Currently Amended) The apparatus of claim 32, wherein the <u>certain</u> display related processes do not include user inputs via a mouse or a keyboard.

61.   (Currently Amended) The method of claim 33, wherein the <u>certain</u> display related processes include at least one of:

playing a CD-ROM;

playing a DVD;

playing a MPEG file;

playing a video file; or

downloading a video file from the Internet; or

downloading an Internet broadcast.

62.   (Currently Amended) The method of claim 33, wherein the <u>certain</u> display related processes do not include user inputs via a mouse or a keyboard.

63.   (Currently Amended) The method of claim 1, wherein the <u>certain</u> display related processes are indicative of a user watching a video or program on the display screen.

64.   (Canceled).

65.   (Currently Amended) The method of claim 14, wherein the <u>certain</u> display related processes are indicative of a user watching a video or program on the display screen.

66.   (Canceled).

67.   (Currently Amended) The method of claim 32, wherein the <u>certain</u> display related processes are indicative of a user watching a video or program on the display screen.

68.   (Currently Amended) The method of claim 33, wherein the <u>certain</u> display related processes are indicative of a user watching a video or program on the display screen.

69.   (New) The method according to claim 13, wherein the certain device comprises a memory device.

70.   (New) The method according to claim 13, wherein the certain device comprises a readable and writable device.

71.   (New) The apparatus according to claim 31, wherein the certain device comprises a memory device.

72.   (New) The apparatus according to claim 31, wherein the certain device comprises a readable and writable device.